

In the claims:

1-11. (canceled)

12. (original) A dual battery pack providing automatic connection to an electronic device having a connector plug comprising:

a first battery having a first positive terminal and a first negative terminal;

a second battery having a second positive terminal and a second negative terminal;

a groove formed between the first battery and the second battery; and

a battery connector system having:

a connector receptacle having a housing;

a rib, positioned on a bottom surface of the housing for insertion into the groove;

a first wire extending from the connector receptacle to connect with the first positive terminal;

a second wire extending from the connector receptacle to connect with the second negative terminal; and

lead-in angles on an end of the housing for self alignment with the connector plug.

13. (original) The dual battery pack of claim 12, wherein the connector plug includes curved walls forming a small perimeter on a proximal end and a large perimeter on a distal end relative to the connector receptacle.

14. (original) The dual battery pack of claim 12, wherein the connector receptacle is positioned on the battery pack with an adhesive bonding joint.

15. (original) The dual battery pack of claim 12, wherein the connector receptacle housing includes an edge stop positioned on a bottom end surface of the housing for alignment with an edge of the battery pack.

16. (original) The dual battery pack of claim 12, wherein the connector plug is float connected to the electronic device.

17. (original) The dual battery pack of claim 16 wherein the connector plug further comprises at least one snap to connect to an aperture of the electronic device.

18. (original) The dual battery pack of claim 17 wherein the at least one snap is substantially smaller than the aperture, and wherein the at least one snap freely moves while in the aperture.

19-22. (canceled)